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On motion of Mr. Fraley, Prof. Lesley was nominated Librarian for the ensuing year.

Pending nominations Nos. 465 to 480, and new nominations Nos. 481, 482, were read.

On motion of the Librarian, the Zoological Society at Frankfort, and the University of Bonn were ordered to be placed on the list of correspondents to receive the Proceedings, and the Observatory of Prague, and the Geological Bureau of the Government of India, to receive the Transactions and Proceedings,—the former as complete a set as possible, in exchange for their Observations.

Prof. Cresson referred to a previous discussion on electrical phenomena, and described in his opinion the best method of regarding the inductive agency of electricity, in preparing its own path before it.

Dr. Wood described a new steam boiler exhibited in England by its inventor, Mr. Harrison, of Philadelphia, who has overcome, as he supposes, the difficulties which were encountered when the boiler was first tried in the workshops of the Messrs. Sellers, of Philadelphia, a year or two ago. The boiler is made up of numerous hollow cast-iron dumb bells, and can be taken to pieces for transportation over difficult ground. It has stood 400 pounds of pressure to the inch.

The Society was then adjourned.

Stated Meeting, January 16, 1863.

Present, eighteen members.

Dr. WOOD, President, in the Chair.

Letters acknowledging publications received were read from Sir John Herschel, Collingwood, December 2d; the Royal Horticultural Society, South Kensington, W., December 10th; the Admiralty, November 29th; the Natural History Society of Northumberland, Newcastle, December 11th, and the Royal Society, Göttingen, October 15th, 1862.

Letters announcing donations were received from the Royal Society at Göttingen, October 15th; the Royal Prussian Academy, Berlin, August 15th; the P. Jablonowski Society at Leipsic, September 25th; the Royal Saxon Society, July 31st and August 15th; the Upper Lausatian Society at Görlitz, September 29th; the Mineralogical Society at St. Petersburg, September 10th, and the Imperial Society of Naturalists at Moscow, February 15th, 1862; also from the Royal Physico-Economical Society at Königsberg, May 6th, and the Munich Academy, May 24th, 1861.

A second letter was read, addressed to the President, from Count d'Hericourt, Paris, November 15th, 1862, respecting his new review.

A letter from N. Trübner & Co., respecting future correspondence, was received, dated London, December 19th, 1862.

Donations for the Library were announced from the learned Academies and Societies at St. Petersburg, Moscow, Königsberg, Berlin, Leipsic, Göttingen, Munich, Görlitz, Mannheim, Emden, Haarlem, and Dijon; M. Des Moulins at Bordeaux; Hon. James Pollock, Philadelphia; Blanchard & Lea; Prof. Evan Pugh; Mr. Thomas U. Walter, of Washington, and the Superintendents of the United States Coast Survey and Nautical Observatory.

Dr. Bache announced the death of Prof. James Renwick, January 12th, 1863, at New York, aged 70.

On motion of Mr. Fraley, Prof. Lesley was elected Librarian for the ensuing year.

On motion, the following Standing Committees were chosen:

Committee on Finance.—Mr. Fraley, Mr. J. F. James, Mr. Samuel Powel.

Committee on Publication.—Dr. Bridges, Mr. T. P. James, Dr. Hartshorne, Prof. Coppée, Dr. Wister.

Committee on Hall.—Mr. Peale, Judge King, Prof. Coppée.

Committee on Library.—Dr. Bell, Dr. Stevens, Dr. Coates, Mr. Price, Mr. Barnes.

The list of surviving members was read, and corrected by

the announcement of the death of Captain W. R. Palmer,
U. S. T. E.

Summary.

On the List, Jan. 1, 1862, . . .	374.	U. S.,	256,	Foreign,	118
Elected in 1862,		U. S.,	11,	"	27
Deceased reported in 1862, . . .		U. S.,	10,	"	9
Expelled in 1862,		U. S.,	2.		
Number of members, Dec. 31,					
1862,	391.	U. S.,	255,	"	136

Pending nominations, Nos. 465 to 482 were read.

The balloting for members then proceeded.

The following resolutions of the Library Committee were read, and consideration thereof postponed to the next meeting, on account of the lateness of the hour.

"Resolved, That this Committee recommend to the Society, to distribute the Catalogue, as far as printed, to foreign correspondents.

"Resolved, That this Committee recommend to the Society, to distribute copies of the portion of the Catalogue now printed to subscribers to the whole Catalogue."

No other business being before the meeting, the ballot-boxes were opened, and the following persons were declared duly elected members of the Society.

Dr. James Y. Simpson, of Edinburgh.

Dr. Théodore Schwann, of Liège.

Dr. Jacques L. Grimm, of Berlin.

Prof. Franz Bopp, of Berlin.

Prof. Ernest Renan, of Paris.

Prof. Max Müller, of Cambridge.

Prof. J. D. Whitney, of San Francisco.

Prof. A. H. Worthen, of Springfield, Ill.

Prof. Daniel Wilson, of Toronto, C. W.

Prof. Frederick Troyon, of Lausanne.

M. Boucher de Perthes, of Abbeville.

Mr. Pliny E. Chase, of Philadelphia.

Dr. I. I. Hayes, Supt. U. S. Hospital, West Phila.

Dr. George Smith, of Delaware County, Pa.

Hon. John M. Read, of Philadelphia.

Dr. Edward Jarvis, of Dorchester, Mass.

And the Society was thereupon adjourned.

Stated Meeting, February 6, 1863.

Present, twenty-one members.

Dr. WOOD, President, in the Chair.

Mr. Pliny E. Chase, a newly-elected member, was introduced to the President, and took his seat.

Letters accepting membership were read from the Hon. John M. Read, of Philadelphia, January 19th; from Dr. Edward Jarvis, Dorchester, Mass., January 20th; from Mr. A. H. Worthen, Springfield, Ill., January 21st; from Prof. Daniel Wilson, University College, Toronto, C. W., January 22d, and from Dr. George Smith, Upper Darby, Delaware County, Pa., January 22d, 1863.

Letters acknowledging publications were received from the Radcliffe Observatory, Oxford, November 28th, 1861; from the Society of Antiquaries, London, January 9th, 1862, and from the Historical Society of Pennsylvania, Philadelphia, January 20th, 1863.

Donations to the Library were received from the Ober-Commando of the Austrian Marine; the Royal, Royal Astronomical, Royal Asiatic, and Chemical Societies, in London; the Royal Observatory at Greenwich; Prof. De Morgan and Prof. Daubeny, of Oxford; the Boston Natural History Society; Silliman's Journal; the Franklin Institute, and Prof. Schaeffer; the Superintendents of the Coast Survey and Census Bureau, and Captain Abbot, of the U. S. Top. Engs.

Prof. Trego announced the death of Col. J. J. Abert, U. S. Top. Engs., January 27th, 1863, in the seventy-fifth year of his age.

Dr. Bache presented a written communication from Judge Carleton, which embodied the views expressed by him in previous discussions of the subject, as follows: